

ARGIANTI KALULA

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EDUCATION

Bandung Institute of Technology (2020 – Present) - Industrial Engineering

Cumulative GPA: 3.75/4.00 [[Transcript](#)]

Organizations: Kelompok Keahlian Sistem Industri dan Tekno-ekonomi (KK SITE); Keluarga Mahasiswa Teknik Industri (MTI).

Relevant courses: Cost Analysis; Organization and Management of Industrial Companies; Supply Chain System; Engineering Economics; Industrial Statistics; Production Planning and Control; Green Manufacturing; Database Systems.

WORK EXPERIENCES

Laboratory of Industrial Systems Planning and Optimization (LPOSI) ITB

Bandung, Indonesia

laboratory focuses on supply chain management, statistics, operations research, and market research

Jan 2023 – present

Laboratory Assistant

- Selected as 1 of 20 laboratory assistants out of 61 applicants, all from ITB's industrial engineering and engineering management students.
- Assisting operation research course to 100+ students which includes discussion on system optimization and linear programming [[Example of Teaching Materials](#)].

FIT HUB

Jakarta, Indonesia

platform for the community to access affordable health and fitness

Feb 2024 – May 2024

Operational Excellence Intern

- Optimized operations, boosting revenue and cutting costs while ensuring excellent customer experience.
- Conducted A/B testing on discount promotions, targeting different membership tiers.
- Analyzed lead data and set SLAs for effective lead nurturing and contact.
- Enhanced referral and leads program, adding free days for members.
- Led community events in March and April as Project Officer.

CLC Meratus

Cakung, Indonesia

the leading Indonesian logistics & shipping integrator in Southeast Asia

Jan 2024 – Feb 2024

Logistic Intern

- Modeling a heuristic algorithm to minimize the makespan and waiting time of container material handling and truck and determine the utilization of each customer service area.
- Conducting gap analysis on the ideal condition and existing condition of the operational activities in CLC Meratus.

PT Riau Andalan Pulp & Paper (APRIL GROUP)

Pelalawan, Indonesia

a company in the pulp and paper industry and a subsidiary of APRIL Group

May 2023 – July 2023

Production Engineering Intern

- Conducted 6S (Seiri, Seiton, Seisho, Seiketsu, Shitsuke, and Safety) to enhance the process of printing packaging production.
- Analyzed printed roll defects on the CI Flexo machine in the In-House Product Packaging Department using the DMAIC framework to reduce defect rates [[Project Result](#)].
- Conducted Genba to seek improvement opportunities in the lean lines and remove various waste also to ensure and enhance workstation safety.
- Performed stock take for UCWF intermediate (WIP), leftover UCWF rolls, and UCWF printed rolls to determine their actual quantities.

Akar Partner MSME

Bandung, Indonesia

designated consulting firm for Micro, Small, and Medium Enterprise (UMKM)

Mar 2023 – Jun 2023

Analyst Intern

- Revised the existing workflow of CLOEVKIDS in the form of a cross-functional diagram and create effective database management [[Project Result](#)].
- Conducted external assessment of PT Senotexindo Jaya Lestari using PESTLE, 5 Porter's Forces, and IFE matrix to improve the efficiency of client business process [[Project Result](#)].

Laboratory of Information System and Decision Laboratory (LSIK) ITB

Bandung, Indonesia

laboratory engaged in information system analysis and development for data-driven decision making

Jul 2022 – Dec 2022

Assistant of Database System Practices

- Ran a series of modules related to relational database, SQL, and R programming.
 - Created and compiled one of the modules and giving assessments to 130+ undergraduate students [[Example of Practicum Materials](#)].
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RESEARCH & PROJECT EXPERIENCES

Project 1: Market Research and Investment Feasibility Analysis of Biochar Product Conducting market research for PT Wardani Agro Utama's biochar products, assessing investment feasibility using NPV, IRR, and payback period [Project Result].	Bandung, Indonesia Nov 2023 – Dec 2023
Project 2: Development of Inventory Policy Analysis for Packed Red Cell Blood Components Considering Perishable Goods Conducting analysis on existing inventory policy for packed red cells and evaluating it by considering perishable factor which are related to the cycle time of red cells lifetime [Project Result].	Bandung, Indonesia Dec 2023 – Jan 2024

ORGANIZATIONAL AND LEADERSHIP ACTIVITIES

Staff of Professional Development - MTI ITB Successfully executed sharing session with Zekindo in terms of Tugas Akhir Topics impacting 150+ people [Project Poster].	Jul 2022 – Jul 2023
Head of Wisuda Juli MTI 2022 (<i>ceremonial event for celebrating the graduates of industrial engineering and engineering management</i>) <ul style="list-style-type: none">Created the grand concept of Wisuda Juli MTI 2022 [The Grand Concept].Led 85 number of staff and create effective work plan utilizing WBS (Work Breakdown Structure).Successfully able to achieve the OKR of Wisuda Juli MTI 2022 that impacting 30+ graduates and 85 staff, achieving 90% satisfaction feedback from 100+ people.	Jun 2022 – Aug 2022
Vice Director of Event - Pabrik MTI 2022 (<i>annual major orientation for second year industrial engineering and engineering management students of ITB</i>) <ul style="list-style-type: none">Constructed term of reference and rundown for a total of 11 events [Example of TOR and Rundown].Regulated properties needed to support each event by coordinating with other divisions.Maintained thorough knowledge of 150+ committees through regular briefing.Achieving a feedback score above 4/5 for every event from 150 participants.	Jul 2022 – Aug 2022

ACHIEVEMENT AND HONORS

3rd Place of ShARE ITB Business Case Competition 2024 Create VIBE strategy to empower Tavi's growth journey to be the most aspirational brand for early adopters [Announcement of Winner and Paper Materials].	Mar 2024 – Apr 2024
1st Place and Best Paper Category in National Business Plan Competition Universitas Mataram Ideate a business plan about a biodegradable mask that is made of nata de coco and corn cob to minimize the waste of corn cob [Announcement of Winner and Paper Materials].	Sep 2022
1st Place of ACS ITB X OKTAN International Paper Competition (INPACE) Innovate the renewable energy of the "Unlimited Battery" which is the application of sunlight and microbial fuel cell in the production process of unlimited batteries [Announcement of Winner and Paper Materials].	Dec 2021 – Feb 2022
1st Place of Lomba Karya Tulis Nasional Mahasiswa Methanol Innovate the utilization of bacillus bacteria to generate electricity through the process of water evaporation for green hydrogen production [Announcement of Winner and Paper Materials].	Aug 2021

SKILLS

Languages: Bahasa Indonesia (Native); English (Professional working proficiency).
Technical Skills: Ms.Word, Excel, PowerPoint; Data Analysis; Arena; Lingo; Python; SQL; R; Figma; SolidWorks.
Interests: Supply Chain System; Industrial Statistics; Renewable Energy; Project Management; Database Management.